|   | Index of Claims |          |                  |          |          |          |          |  |      |          |          |            |          | pplication No. |           |          |                    |            |           |          |           |          | Applicant(s) |          |            |           |           |              |           |           |              |                |           |           |   |  |
|---|-----------------|----------|------------------|----------|----------|----------|----------|--|------|----------|----------|------------|----------|----------------|-----------|----------|--------------------|------------|-----------|----------|-----------|----------|--------------|----------|------------|-----------|-----------|--------------|-----------|-----------|--------------|----------------|-----------|-----------|---|--|
|   |                 | 1 18818  | <i>     </i><br> |          |          | <i>0</i> | / (      | <i>, l</i> ċ                                 | 4/// | //S      |          | 11         |          |                |           |          | 10                 | 10/008,080 |           |          |           |          |              |          |            |           |           | HEATH ET AL. |           |           |              |                |           |           |   |  |
|   |                 |          |                  |          | Ш        |          |          |  |      |          |          |            |          |                |           | ŀ        | Examiner           |            |           |          |           |          |              |          |            |           | Art Unit  |              |           |           |              |                |           |           |   |  |
|   |                 |          |                  |          |          |          |          |  |      |          |          |            |          |                |           |          |                    |            |           |          |           |          |              |          |            |           |           |              |           |           |              |                |           |           |   |  |
|   |                 | 1111111  | i ijiki          |          | 111      |          |          |  |      |          |          | <br>       |          |                |           | ┙        | Christina Y. Leung |            |           |          |           |          |              |          |            | 2633      |           |              |           |           |              |                |           |           |   |  |
|   |                 |          |                  |          |          |          |          |  |      |          |          |            |          |                | _         |          | _                  | _          |           |          |           |          |              |          |            |           |           |              | _         |           |              |                |           |           |   |  |
|   |                 |          | v                | Re       | eje      | cte      | ed       |  |      | _        | (        | Thre       | ou       | gh n           | al)       |          |                    |            | Non-Ele   |          |           | ted      |              | ا۱       | Appeal     |           |           |              |           |           |              |                |           |           |   |  |
|   |                 |          |                  |          |          |          |          |  |      |          |          | Cancelled  |          |                |           |          | <u>'</u>           |            |           | N NON-E  |           |          |              |          | Α          |           |           |              | _         |           |              |                |           |           |   |  |
|   | = Allowed +     |          |                  |          |          |          |          |  |      |          |          | Restricted |          |                |           |          |                    |            |           | ı        | Interfe   |          |              | nce      |            |           | Objected  |              |           |           |              |                |           |           |   |  |
|   |                 |          |                  |          |          |          |          |  |      |          |          |            |          |                |           |          |                    |            | L         |          |           |          |              |          |            |           |           |              |           |           |              |                |           |           |   |  |
| ı | Cla             | im.      | Г                |          |          | _        | Date     | <u>.                                    </u> |      |          | $\neg$   | П          | Claim    |                |           |          |                    |            | ate       |          |           |          | ٦            | Claim    |            | Т         |           | Date         |           |           |              |                | ٦         |           |   |  |
| Ì |                 | _        | ष्ठ              |          |          |          | ÌΤ       |  |      |          |          |            |          |                |           |          | Ť                  |            |           |          |           | $\dashv$ |              |          | П          | П         | П         | Ť            | Ť         |           |              | Τ              | ٦         |           |   |  |
|   | Final           | Original | 4-4-05           |          |          |          |          |  |      | 3        |          | i i        | 5        | Original       |           |          |                    |            | Ì         |          |           |          |              | Final    | Original   |           |           |              |           |           | ĺ            |                |           |           |   |  |
|   | ш               | ō        | 3                |          |          |          |          |  |      |          |          | ľ          | -        | ō              |           |          |                    |            |           |          |           |          |              | "        | ō          |           |           |              | 1         |           |              |                |           |           |   |  |
| į |                 | 1        | =                |          |          |          |          |  |      |          |          |            |          | 51             |           |          |                    |            |           | 亅        | 土         | 土        | 1            |          | 101        |           |           |              | 1         | 士         |              |                | T         | _         |   |  |
|   |                 | 2        | _                |          | $\dashv$ |          | $\dashv$ |  |      |          | Н        | <u> </u>   |          | 52             | _         | $\dashv$ | 4                  | 4          | 4         |          | 4         | -        | 4            |          | 102        | $\vdash$  | $\dashv$  | 4            | 4         | $\dashv$  | 4            |                | +         | 4         |   |  |
|   |                 | 3        | =                | $\vdash$ | $\dashv$ | $\dashv$ | $\dashv$ |  |      |          | $\vdash$ | -          | $\dashv$ | 53<br>54       | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$   | $\dashv$  | +        | +         | +        | $\dashv$     | -        | 103<br>104 | H         | $\dashv$  | $\dashv$     | +         | $\dashv$  |              |                | ╁         | $\dashv$  |   |  |
|   |                 | 18       |                  |          |          |          |          |  |      |          |          |            |          | 55             |           | 1        |                    | $\exists$  |           |          | 1         | $\perp$  | 1            |          | 105        |           |           |              |           |           |              | $\perp$        | Ť         |           |   |  |
|   |                 | 6        | =                |          |          |          | $\Box$   |  |      |          |          |            |          | 56             |           | $\Box$   | $\Box$             |            | 1         |          | $\bot$    |          | ]            | <u> </u> | 106        |           |           | 4            | $\dashv$  | $\perp$   |              |                | 4         | ]         |   |  |
|   |                 | 7<br>8   | =                | $\vdash$ | $\dashv$ | -        | -        |  | Н    | H        | Н        | $\vdash$   | $\dashv$ | 57<br>58       | $\dashv$  | -        | $\dashv$           | $\dashv$   | -         |          | +         |          | ┨            |          | 107<br>108 | $\vdash$  | +         | $\dashv$     | $\dashv$  | $\dashv$  | +            |                | +         | -         |   |  |
|   |                 | 9        | =                | $\dashv$ | $\dashv$ |          |          |  |      |          | Н        | $\vdash$   | +        | 59             | $\dashv$  | $\dashv$ | +                  | $\dashv$   | $\forall$ | +        | $\dagger$ | +        | ┪            |          | 109        | $\vdash$  | $\dashv$  | $\dashv$     | +         | 十         | +            | +              | +         | 1         |   |  |
|   |                 | 10       | =                |          |          |          |          |  |      |          |          |            | コ        | 60             |           |          |                    |            |           |          |           |          | ]            |          | 110        |           |           |              |           |           |              | 工              |           |           |   |  |
| 4 |                 | 11       | 11               | $\dashv$ | _        |          | $\dashv$ |  |      | L        | Н        | -          | _        | 61             | 4         | 4        | $\dashv$           | $\dashv$   | $\dashv$  | 4        | $\perp$   | +        | 4            | -        | 111        | $\sqcup$  | 4         |              | 4         | $\dashv$  | 4            | +              | +         | 4         |   |  |
|   |                 | 12<br>13 | Н                | $\dashv$ | $\dashv$ | $\dashv$ | $\vdash$ | _  | _    | _        | Н        | $\vdash$   | $\dashv$ | 62<br>63       | ᅱ         | $\dashv$ | $\dashv$           | $\dashv$   | $\dashv$  | +        | ╁         | +-       | ┨            | -        | 112<br>113 | $\vdash$  | $\dashv$  | +            | $\dashv$  | +         | $\dashv$     | +              | ╁         | ┥         |   |  |
|   |                 | 14       |                  |          |          |          |          |  |      |          |          |            |          | 64             |           |          |                    | 7          | $\forall$ | $\top$   | $\dagger$ |          | 1            |          | 114        | П         | $\dashv$  |              | $\exists$ |           | 7            | +              | $\dagger$ | $\exists$ |   |  |
|   |                 | 15       |                  |          |          |          |          |  |      |          |          |            |          | 65             | $\Box$    |          | $\Box$             |            | 1         | $\Box$   | Ţ         |          | ]            |          | 115        |           | $\Box$    | $\Box$       |           | $\Box$    | $\Box$       | _              |           |           |   |  |
|   |                 | 16<br>17 | -                | -        | -        | _        | $\dashv$ |  | _    | _        | $\vdash$ | $\vdash$   | $\dashv$ | 66<br>67       | $\dashv$  | -        | 4                  | 4          | +         | +        | +         | +        | -            |          | 116<br>117 | Н         | -         | -+           | +         | -         | +            |                | +         | $\dashv$  |   |  |
|   |                 | 18       | H                | -        | $\dashv$ |          |          | -  |      |          |          | $\vdash$   | ᅥ        | 68             | $\dashv$  | -        | +                  | $\dashv$   | +         | +        | $\dagger$ | +        | ┨            | -        | 118        | Н         | •         | +            | +         |           | +            | $\dashv$       | +         | $\dashv$  |   |  |
|   |                 | 19       |                  |          |          |          |          |  |      |          |          |            |          | 69             |           |          |                    |            |           |          |           |          | 1            |          | 119        |           |           |              |           |           | 1            |                |           |           |   |  |
|   |                 | 20<br>21 | Н                | $\dashv$ | _        | _        | $\dashv$ |  |      |          | Н        | $\vdash$   | -        | 70<br>71       | $\dashv$  | -        |                    | $\dashv$   | _         | 4        | 4         | -        | 4            |          | 120        | $\vdash$  | -         | 4            | 4         | _         | $\dashv$     | _              | 4         | 4         |   |  |
|   |                 | 22       | Н                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |  |      |          | $\vdash$ | -          | $\dashv$ | 72             | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$   | -         | +        | +         | +        | -            | -        | 121<br>122 | $\vdash$  | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$       | +         | $\dashv$  |   |  |
|   |                 | 23       |                  |          |          |          |          |  |      |          |          |            |          | 73             | コ         |          |                    |            | 1         | $\top$   | Ť         |          | 1            |          | 123        |           |           |              | $\dashv$  |           |              |                |           | 7         |   |  |
|   |                 | 24       |                  | $\Box$   |          |          |          |  |      |          |          |            |          | 74             |           |          |                    |            | $\Box$    |          | 1         |          | ]            |          | 124        |           |           |              | $\Box$    | $\Box$    | $\Box$       | $\blacksquare$ |           |           |   |  |
|   |                 | 25<br>26 | $\vdash$         | $\dashv$ | -        | _        |          |  | _    |          | Н        | -          | $\dashv$ | 75<br>76       |           |          | -                  | 4          | $\dashv$  | +        | +         |          | -            | <u> </u> | 125<br>126 | Н         | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$       | +         | 4         |   |  |
|   |                 | 27       | $\vdash$         | $\dashv$ | _        |          | $\dashv$ |  |      |          | Н        | -          | ┨        | 77             | $\dashv$  | $\dashv$ | _                  | +          | +         | +        | +         | ╁        | $\dashv$     |          | 127        | Н         | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | $\dashv$       | ╁         | $\dashv$  |   |  |
|   |                 | 28       |                  |          |          |          |          |  |      |          |          |            |          | 78             |           |          |                    |            |           |          | 1         | 1        | _            |          | 128        |           |           |              | $\exists$ | $\exists$ | $\exists$    | $\top$         | $\top$    | 1         |   |  |
|   |                 | 29       |                  | $\Box$   |          |          |          |  |      |          |          |            | $\Box$   | 79             |           |          |                    | $\Box$     | $\Box$    |          | Ţ         |          | ]            |          | 129        |           |           |              | $\Box$    |           | $\Box$       |                |           | ]         |   |  |
|   |                 | 30<br>31 | Н                | $\dashv$ | $\dashv$ | _        | $\dashv$ | _  |      |          | Н        | $\vdash$   | $\dashv$ | 80<br>81       | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$   | -         | -        | +         | +        | $\dashv$     | -        | 130<br>131 | Н         | $\dashv$  | -            | $\dashv$  | +         | +            | +              | +         | 4         | • |  |
|   |                 | 32       | Н                | $\dashv$ | 7        |          | $\dashv$ |  | _    |          | $\vdash$ | $\vdash$   | $\dashv$ | 82             | $\dashv$  | $\dashv$ | $\dashv$           | 十          | $\dashv$  | $\dashv$ | +         | +        | ┨            | -        | 132        | Н         | $\dashv$  | +            | $\dashv$  |           | +            | $\dashv$       | ╁         | $\dashv$  |   |  |
|   |                 | 33       |                  |          |          |          |          |  |      |          |          |            |          | 83             |           |          |                    |            |           |          | İ         |          | ]            |          | 133        |           |           |              |           |           |              |                | 士         |           |   |  |
|   |                 | 34       | Ш                | $\perp$  | _        |          |          |  |      |          |          |            | $\Box$   | 84             | $\dashv$  | $\perp$  |                    |            |           | 1        | $\perp$   | 4        | 4            |          | 134        | Ш         |           |              | $\perp$   | [.        | _            |                | $\bot$    |           |   |  |
| ı |                 | 35<br>36 | H                | $\dashv$ | -        |          | Н        | _  |      | -        | Н        | -          | $\dashv$ | 85<br>86       | $\dashv$  | $\dashv$ | -                  | $\dashv$   | +         | +        | +         | +        | ┨            |          | 135<br>136 | $\square$ | $\dashv$  | $\dashv$     | $\dashv$  | $\dashv$  | +            | +              | +-        | ┥         |   |  |
|   |                 | 37       | H                |          | $\dashv$ |          |          |  |      |          | H        | $\vdash$   | $\dashv$ | 87             | $\dashv$  | $\dashv$ | 7                  | $\dashv$   | +         | +        | $\dagger$ | +        | ┨            | -        | 137        | Н         | 7         | $\dashv$     | +         | $\dashv$  | +            | +              | +         | ┨         |   |  |
|   |                 | 38       |                  |          |          |          |          |  |      |          |          |            |          | 88             |           |          |                    |            |           | $\Box$   | Ī         |          | ]            |          | 138        |           |           |              |           |           |              |                |           | I         |   |  |
|   |                 | 39       | Ш                | $\perp$  | 4        | $\dashv$ |          |  |      |          | Н        | <u> </u>   | _        | 89             | $\dashv$  | _        | _                  |            | 4         | +        | 4         |          | 4            |          | 139        | Ш         | 4         | 4            | 4         | $\dashv$  | 4            | $\perp$        | 4         |           |   |  |
|   |                 | 40<br>41 | Н                | $\vdash$ | $\dashv$ | $\dashv$ | $\vdash$ |  | H    | -        | $\dashv$ | -          | $\dashv$ | 90<br>91       | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$   | $\dashv$  | +        | +         | +-       | -            | $\vdash$ | 140<br>141 | $\vdash$  | $\dashv$  | +            | $\dashv$  | $\dashv$  | $\dashv$     | +              | +         | $\dashv$  |   |  |
|   |                 | 42       |                  |          |          |          |          |  |      |          |          |            | _        | 92             | $\exists$ | 7        |                    | _†         | _†        | +        | $\dagger$ | ╁        | _            |          | 142        |           |           | $\dashv$     | $\dashv$  | $\dashv$  | $\dashv$     | +              | +         | $\dashv$  |   |  |
|   |                 | 43       |                  | Д        | $\Box$   | П        |          |  |      |          |          |            | $\Box$   | 93             |           | $\Box$   |                    | $\Box$     | $\Box$    | 1        | Ţ         |          | ]            |          | 143        | П         |           | $\Box$       | $\Box$    | $\Box$    |              | 丄              | 1         |           |   |  |
|   |                 | 44<br>45 | $\vdash$         | -        | $\dashv$ | $\dashv$ | $\dashv$ |  |      | $\vdash$ | Н        | -          |          | 94<br>95       | _         | $\dashv$ | -                  | $\dashv$   | $\dashv$  | +        | 4         | +        | 4            | <u> </u> | 144<br>145 | $\vdash$  | $\dashv$  | 4            | -         | $\dashv$  | $\downarrow$ | +              | +         | $\dashv$  |   |  |
| ì |                 | 46       | H                | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |  |      | -        | Н        | -          | $\dashv$ | 96             | $\dashv$  | $\dashv$ | $\dashv$           | $\dashv$   | +         | +        | +         | +        | 1            | -        | 146        | $\vdash$  | $\dashv$  | +            | +         | $\dashv$  | $\dashv$     | +              | +         | $\dashv$  |   |  |
| Ì |                 | 47       |                  |          |          |          |          |  |      |          |          |            | ╛        | 97             |           |          |                    | ╛          |           | ቋ        | 士         | 丁        | 1            |          | 147        |           | $\exists$ | _            | _         | _         | _†           | _              | _         | 1         |   |  |
|   |                 | 48       | Ц                | Д        | $\dashv$ | $\Box$   | $\Box$   | $\Box$                                       |      |          |          |            | J        | 98             | $\Box$    | $\Box$   | $\Box$             | $\supset$  | $\bot$    |          | Ţ         | T        | 1            |          | 148        |           | $\Box$    | $\supset$    | $\Box$    | $\Box$    | $\Box$       | $\downarrow$   | $\bot$    |           |   |  |
|   |                 | 49       | $\sqcup$         |          | _        | _        | $\sqcup$ |  | Ш    | Ш        | Ш        | <u> </u>   | 4        | 99             | 4         | _        | $\dashv$           | _          | 4         | 4        | 4         | 4-       | 4            | L        | 149        | $\sqcup$  | _         | 4            | $\perp$   | $\dashv$  | 4            | ᆚ              | $\perp$   | _         |   |  |